BONAM VENKATA CHALAMAYYA INSTITUTE OF TECHNOLOGY & SCIENCE
(AUTONOMOUS)
DEPARTMENT OF CIVIL ENGINEERING

Date: 27/09/2023

The minutes of meeting of BOS meeting for the department of **Civil Engineering** was held on 27-09-2023 in Discussion room.

Members Present:

Members	Name & Institution	Status of Attendance	signature
Chairman	Dr.MCS Madan Professor&HOD	PRESENT	
University Nominee	Dr. G. Yesuratnam B. Tech, M.S., Ph.D., M.I.S.T.E Director, IIIP & Training Professor of Civil Engineering, UCEK Jawaharlal Nehru Technological University Kakinada Kakinada-533003. East Godavari District, A.P. India. Email: geddadayesu@yahoo.co.in, geddadayesu1964@gmail.com Cell: 9848373238	PRESENT	
Subject expert from JNTUK from ME department	Dr. Bhanavathu Balakrishna D.M.E., B. Tech., M.Tech., Ph.D., M.I.S.T.E., F.I.E. Professor in Mechanical Engineering & Director of Evaluation Jawaharlal Nehru Technological University Kakinada, Kakinada – 533003 Email: balakrishnajntu06@gmail.com Cell: 8978618555	PRESENT	
Subject experts from outside the college	Dr. A. Murali Krishna Professor, Dept. of Civil & Environmental Engg. Dean, Planning & Infrastructure Indian Institute of Technology Tirupati Yerpedu – Venkatagiri Road, Yerpedu Post, Tirupati District - 517619, Andhra Pradesh. Phone: +91 877 250 3168 (O) Mobile: +91 83339 80223; +91 70860 46500 email: amk@iittp.ac.in, adapamk@gmail.com URL : http://facweb.iittp.ac.in/~mkrishna/ https://iittp.irins.org/profile/110472 Cell: 94351 99213	PRESENT	
	Dr. B Raghuram Kadali Assistant Professor Department of Civil Engineering NIT Warangal Warangal - 506004, India. Email: brkadali@nitw.ac.in Phone: +91-991-224-5124	PRESENT	

		https://sites.google.com/site/raghukadali/		
5	Representative from Industry	Er.P.Rajesh,Sr.Engineer(P)SDVVL Survey &Constructions, Kakinada Email; rajeshpathala8@gmail.com Cell: 81216 52938	PRESENT	
6	Alumni Member	Mr. P. Chakradhar Prasad Asst. Professor, Department of CE DNR College of Engineering Technology, Bhimavaram Email: chakradharprasad499@gmail.com Cell: 8184861079	PRESENT	
7	Member	Ms. Y. Pavani ,Asst. Professor, Dept. of CE , BVCITS .AMP. Specialization : Soil Mechanics & Foundation Engineering	PRESENT	
8	Member	Ms.V.R.L.Sai Sree, Asst.Prof,Dept of CE,BVCITS, AMP. Specialization : Soil Mechanics & Foundation Engineering	PRESENT	
9	Member	Mr.B.Sai Chaitanya, Asst.Prof,Dept of CE,BVCITS, AMP. Specialization : Structural Engineering	PRESENT	
10	Member	Mr.P.Sivanadh,Asst.Prof,Dept of CE,BVCITS,AMP.Specialization : Structural Engineering	PRESENT	
11	Member	Mr.Y.G.V.G. Seshubabu, Asst.Prof, Dept of CE, BVCITS, AMP. Specialization : Structural Engineering	PRESENT	
12	Member	Er. K. Satya Mahesh, Asst.Prof, Dept of CE, BVCITS, AMP. Specialization : Environmental Engineering	PRESENT	
13	Member	Mr. M. Eswara Sai Kumar, Asst. Prof, Dept of CE, BVCITS, AMP. Specialization : Structural Engineering	PRESENT	

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Meeting Agenda:
Item No:1

Item No: 2
Discussion on Proposed Course Structure of I-I B.Tech & Ratification of the same
Discussion on Proposed Syllabus of Courses Offered by Department in I-I B.Tech
Item No:3
Discussion on Proposed Course Structure of I-II B.Tech & Ratification of the same
Discussion on Proposed Syllabus of Courses Offered by Department in I-II B.Tech
Item No:4
Discussion on Proposed Model Question Papers of Theory and Lab Courses
Item No:5
Any Other Points raised by BOS Members

Item No:1

Discussion on Academic Regulations BR-23

All the BOS members were discussed on proposed R-23 regulations and accepted the same without any modification. Hence the BR-23 regulations were ratified.

Item No: 2

Discussion on Proposed Course Structure of I B.Tech I-Sem and Ratification of the same.

I-B.Tech - I Semester (Common For All Branches)

S.No.	CODES	Title	L/D	T	P	Credits
1	23HM1T01	Communicative English	2	0	0	2
2	23BS1T01	Engineering Physics	3	0	0	3
3	23BS1T02	Linear Algebra and Calculus	3	0	0	3
4	**23ES1T01**	**Basic Electrical & Electronics Engineering**	**3**	**0**	**0**	**3**
5	23ES1T02	Introduction To Programming	3	0	0	3
6	23HM1L01	Communicative English Lab	0	0	2	1
7	23BS1L01	Engineering Physics Lab	0	0	2	1
8	23ES1L01	Electrical & Electronics Engineering Workshop	**0**	**0**	**3**	**1.5**
9	23ES1L02	Computer Programming Lab	0	0	3	1.5
10	23HM1L02	Health and Wellness, Yoga and Sports	-	-	1	0.5
		Total	14	0	11	19.5

The Course Structure of 1st B.Tech I-Sem is presented before the BOS Members and asked for any changes in the courses offered by Department of CE. All the BOS members accepted this course structure and ratified the same.

Item No: 3

Discussion on Proposed Course Structure of I B.Tech II-Sem and Ratification of the same.

I B.Tech II Semester (CE)

S.No.	CODES	Title	L/D	T	P	Credits
1	23BS2T05	Engineering Chemistry	3	0	0	3

2	23BS2T04	Differential Equations & Vector Calculus	3	0	0	3
3	23ES2T03	Basic Civil & Mechanical Engineering	3	0	0	3
4	23ES2T04	Engineering Graphics	1	0	4	3
5	23CE2T01	Engineering mechanics	3	0	0	3
6	23ES2L03	I T Work Shop	0	0	2	1
7	23BS2L02	Engineering Chemistry Lab	0	0	2	1
8	23CE2L01	Engineering Mechanics &building practice lab	0	0	3	1.5
9	23ES2L04	Engineering Workshop	0	0	3	1.5
10	23HM2L03	NSS/NCC/Scouts & Guides/ Community Service	-	-	1	0.5
Total			13		15	20.5

The Course Structure of 1st B.Tech II-Sem is presented before the BOS Members and asked for any changes in the courses offered by Department of CE. All the BOS members accepted this course structure and ratified the same.

Discussion on Proposed Syllabus of Courses Offered by Department(BCME ,EG,EM, EM&BP LAB,EW LAB) in I B.Tech II Sem and Ratification of the same.

Proposed Syllabus of the Courses Offered by the Department of CE is presented before the BOS Members and asked for the modifications if any. As per the suggestions given by BOS members syllabus is modified without deviating the norms and ratified the same.

Item No : 4

Discussion on Proposed Model Question Papers of Theory and Lab Courses of BR-23

The model question papers for mid and end examinations as per BR23 regulations were prepared and presented before the BOS Committee for ratification of the question paper. All the members were accepted the same and ratified.

Evaluation Process

The performance of a student in each semester shall be evaluated subject wise with a maximum of 100 marks for theory and 100 marks for practical subject. Summer Internships shall be evaluated for 50 marks, Full Internship &Project work in final semester shall be evaluated for 200 marks, mandatory courses with no credits shall be evaluated for 30 mid semester marks.

A student has to secure not less than 35% of marks in the end examination and a minimum of 40% of marks in the sum total of the mid semester and end examination marks taken together for the theory, practical, design, drawing subject or project etc. In case of a mandatory course, he/she should secure 40% of the total marks.

THEORY COURSES

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

For theory subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for

For practical subject, the distribution shall be 30 marks for Internal Evaluation and 70 marks for the End- Examination.

If any course contains two different branch subjects, the syllabus shall be written in two parts with 3 units each (Part-A and Part-B) and external examination question paper shall be set with two parts each for 35 marks.

If any subject is having both theory and practical components, they will be evaluated separately as theory subject and practical subject. However, they will be given same subject code with an extension of 'T' for theory subject and 'P' for practical subject.

Continuous Internal Evaluation

For theory subjects, during the semester, there shall be two midterm examinations. Each midterm examination shall be evaluated for 30 marks of which 10 marks for objective paper (20 minutes duration), 15 marks for subjective paper (90 minutes duration) and 5 marks for assignment.

Objective paper shall contain for 05 short answer questions with 2 marks each or maximum of 20 bits for 10 marks. Subjective paper shall contain 3 either or type questions (totally six questions from 1 to 6) of which student has to answer one from each either-or type of questions. Each question carries 10 marks. The marks obtained in the subjective paper are condensed to 15 marks.

Note:

The objective paper shall be prepared in line with the quality of competitive examinations questions.

The subjective paper shall contain 3 either or type questions of equal weightage of 10 marks. Any fraction shall be rounded off to the next higher mark.

The objective paper shall be conducted by the respective institution on the day of subjective paper test.

Assignments shall be in the form of problems, mini projects, design problems, slip tests, quizzes etc., depending on the course content. It should be continuous assessment throughout the semester and the average marks shall be considered.

If the student is absent for the mid semester examination, no re-exam shall be conducted and mid semester marks for that examination shall be considered as zero.

First midterm examination shall be conducted for I, II units of syllabus with one either or type question from each unit and third either or type question from both the with one either or type question from each unit.

Final mid semester marks shall be arrived at by considering the marks secured by the student in both the mid examinations with 80% weightage given to the better mid exam and 20% to the other.

For Example:

Marks obtained in first mid: 25

Marks obtained in second mid: 20

Final mid semester Marks: (25x0.8) + (20x0.2) = 24

If the student is absent for any one midterm examination, the final mid semester marks shall be arrived at by considering 80% weightage to the marks secured by the student in the appeared examination and zero to the other.

For Example:

Marks obtained in first mid: Absent

Marks obtained in second mid: 25

End Examination Evaluation:

End examination of theory subjects shall have the following pattern:

There shall be 6 questions and all questions are compulsory.

Question I shall contain 10 compulsory short answer questions for a total of 20marks such that each question carries 2 marks.

There shall be 2 short answer questions from each unit.

In each of the questions from 2 to 6, there shall be either/or type questions of 10 marks each.

Student shall answer any one of them.

The questions from 2 to 6 shall be set by covering one unit of the syllabus for each question.

End examination of theory subjects consisting of two parts of different subjects, for Example: Basic Electrical &Electronics Engineering shall have the following pattern:

- Question paper shall be in two parts viz., Part A and Part B with equal weightage of 35 marks each.
- In each part, question 1 shall contain 5 compulsory short answer questions for a total of 5 marks such that each question carries 1mark.
- In each part, questions from 2 to 4, there shall be either/or type questions of 10 marks each. Student shall answer any one of them.
- The questions from 2 to 4 shall be set by covering one unit of the syllabus for each question.

PRACTICAL COURSES

Assessment Method	Marks
Continuous Internal Assessment	30
Semester End Examination	70
Total	100

- For practical courses, there shall be a continuous evaluation during the semester for 30 sessional marks and end examination shall be for 70 marks.
- Day-to-day work in the laboratory shall be evaluated for 15 marks by the concerned laboratory teacher based on the record/viva and 15 marks for the internal test.
- The end examination shall be evaluated for 70 marks, conducted by the concerned laboratory teacher and a senior expert in the subject from the same department.
- Procedure: 20 marks
- Experimental work & Results: 30 marks
- Viva voce: 20 marks.
- In a practical subject consisting of two parts (Eg: Basic Electrical &Electronics Engineering Lab), the end examination shall be conducted for 70 marks as a single laboratory in 3 hours. Mid semester examination shall be evaluated as above for 30 marks in each part and final mid semester marks shall be arrived by considering the average of marks obtained in two parts.

For the subject having design and/or drawing, such as Engineering Drawing, the distribution of marks shall be 30 for mid semester evaluation and 70 for end examination.

Assessment Method	**Marks**
Continuous Internal Assessment	**30**
Semester End Examination	**70**
Total	**100**

Day-to-day work shall be evaluated for 15 marks by the concerned subject teacher based on

a semester for duration of 2 hours each for 15 marks with weightage of 80% to better mid marks and 20% for the other. The subjective paper shall contain 3 either or type questions of equal weightage of 5 marks. There shall be no objective paper in mid semester examination. The sum of day-to-day evaluation and the mid semester marks will be the final sessional marks for the subject.

The end examination pattern for Engineering Graphics, shall consists of 5 questions, either/or type, of 14 marks each. There shall be no objective type questions in the end examination. However, the end examination pattern for other subjects related to design/drawing, multiple branches, etc is mentioned along with the syllabus.

f)There shall be no external examination for mandatory courses with zero credits. However, attendance shall be considered while calculating aggregate attendance and student shall be declared to have passed the mandatory course only when he/she secures 40% or more in the internal examinations. In case, the student fails, a re-conditions mentioned in item 1 & 2 of the regulations.

g)The laboratory records and mid semester test papers shall be preserved for a minimum of 3 years in the respective institutions as per the University norms and shall be produced to the Committees of the University as and when the same are asked for.

Item No: 5

Any Other Points raised by BOS Members

As per the suggestions given by the subject experts Dr.A.Murali Krishna (IIITT) regarding replacement of Contour mapping with Geotechnical Engineering and Dr.Raghuram K(NIT,Warangal),suggestion to include Transportation Engineering and also exclude Tunnels in 3rd unit of BCME subject has been considered with effect for this regulation as of now we are fallowing JNTUK R23 as it is, as per the opinion of Dr.G.Yesuratnam garu their inputs and suggestions if any will be taken into consideration in the next BOS meeting while finalizing the 2nd,3rd and 4th year syllabi., as I B.Tech syllabus should be common for all engineering colleges in AP , hence, their suggestions for I B.Tech if any in the syllabus will be considered in next regulation. With the slight modifications as suggested by Prof.Dr.A.Muralikrishna(IIITT) and Dr.Raghuram K(NIT,Warangal), the syllabus for I BTech I semester BCME syllabus which is common for CSE- AI&DS,AI&ML and CSE for odd semester and I B.Tech II even semester for ECE,EEE and CE has been approved by the member present.

Finally, Chairman of BOS thanked all the members of their valuable inputs and active participation in the meeting.

Chairman
BOS-CE,
BVCITS.